

IN THE SPECIFICATION

Please amend the specification as follows:

Please add the following paragraph beginning at page 1, line 5.

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation-in-part application of and claims priority to U.S. Patent Application Serial No. 10/224,268, entitled *Synthetic Heparin-Binding Growth Factor Analogs*, filed on August 20, 2002, which issued as U.S. Patent 7,166,574 and the specification thereof is incorporated herein by reference.

Please replace the paragraph beginning on page 12 lines 6-11 with the following amended paragraph:

The amino acid sequences of many of these and other HBGFs are available from the National Library of Medicine Protein Database at the ~~internet site~~ world wide web address <http://www.ncbi.nlm.nih.gov/entrez>. These HBGF amino acid sequences on the foregoing internet site are hereby incorporated by reference. The use of synthetic HBGF analogs incorporating the amino acid sequences of the receptor binding domains from these and other HBGFs is specifically contemplated in the present invention.

Please replace the paragraph beginning on page 35, lines 19-27 through page 36, lines 1-2 with the following amended paragraph:

The synthetic HBGF analog, F2A3, the structure of which is shown in FIG. 1, was synthesized by standard solid phase peptide synthesis methods. F2A3 has a structure according to formula II, in which the amino acid sequences of the X region, NRFHSWDCIKTWASDTFVLVCYDDGSEA (SEQ ID NO:7), corresponds to the C19 peptide sequence identified by Ballinger et al. (Nature Biotechnology 17:1199 (1999)). Each of the two X region peptides of SEQ ID NO:7 are covalently linked by amide bonds to a lysine residue, the

lysine residues corresponding to J₁ and J₂. The J₂ Lys is bound by means of a covalent peptide bond to one terminus of a tripeptide formed from three aminohexanoic acid residues and corresponding to linker Y, providing a hydrophobic space of 18 alkyl carbon atoms. The opposite terminus of the aminohexanoic acid tripeptide is covalently bound by a peptide bond to heparin-binding peptide ~~RKRKLERAIR~~ RKRKLERIAR(SEQ ID NO:2) corresponding to region Z.